LISTING OF CLAIMS

The listing of claims below replaces prior versions of claims in the application. Claims 1- 23 are pending at the time of the Action.

1. (Currently Amended) In an interactive operating environment a computer readable medium having computer executable instructions, the instructions comprising:

receiving a ~~command string~~ set of objects output from a prior command via an object-based command pipeline; and

processing the set of objects using an operating environment mechanism to resolve each object in the set into a data type.

~~separating the command string into one or more string components; and~~

~~for any string component that is partially unresolved, initiating an operating environment mechanism of the interactive operating environment for analyzing the partially unresolved string to completely resolve the string into an associated type of object.~~

2. (Currently Amended) The computer readable medium of claim 1, wherein the ~~unresolved string~~ set of objects is associated with a first data type and the processing by the mechanism comprises looking up a conversion for converting the first data type to ~~another~~ the data type.

3. (Currently Amended) The computer readable medium of claim 1, wherein the ~~unresolved string is associated with a~~ the data type ~~that~~ is not natively supported by the operating environment, the processing by the mechanism comprises retrieving extended information that defines the data type and creating an instance of the data type for each object in the set.

4. (Original) The computer readable medium of claim 3, wherein the extended information comprises extended metadata and code, the extended metadata describes the data type and the code comprises additional instructions to populate the instance of the data type.

5. (Currently Amended) The computer readable medium of claim 1, further comprising receiving a string via the object-based command pipeline, wherein the ~~unresolved~~ string includes a wildcard and the processing by the mechanism comprises producing a subset of the set of objects ~~resolving the string~~ based on the wildcard.

6. (Currently Amended) The computer readable medium of claim 1, further comprising receiving a string via the object-based command pipeline, wherein the ~~unresolved~~ string includes a property set and the processing by the mechanism comprises identifying a plurality of properties associated with the property set and ~~performing subsequent~~ processing the set of objects based on ~~associated with the command string using~~ the plurality of properties.

7. (Currently Amended) The computer readable medium of claim 1, <u>further comprising receiving a string via the object-based command pipeline,</u> wherein the ~~unresolved~~ string includes a relation and the <u>processing by the</u> mechanism comprises <u>finding items that the set of objects consume</u> ~~querying an~~ ~~ontology service for information~~ based on the relation.

8. (Currently Amended) The computer readable medium of claim 1, <u>further comprising receiving a string via the object-based command pipeline,</u> wherein the ~~unresolved~~ string comprises a property path, the property path comprises a series of components that provide navigation to a desired property <u>of each object in the set</u>.

9. (Original) The computer readable medium of claim 8, wherein the mechanism performs a look-up to resolve each component.

10. (Currently Amended) The computer readable medium of claim 9, wherein each component comprises a property ~~for an associated~~ <u>of each</u> object <u>in the set</u>, a method ~~for the associated~~ <u>of each</u> object <u>in the set</u>, a field ~~for the~~ ~~associated~~ <u>of each</u> object <u>in the set</u>, a third party property, or a third party method.

11. (Currently Amended) The computer readable medium of claim 1~~0~~, wherein the <u>set of objects is received as input to a subsequent command in the object-based command pipeline after processing the set of objects using the operating environment mechanism</u>~~associated object comprises an object~~ ~~associated with a preceding component~~.

12. (Original) The computer readable medium of claim 9, wherein the look-up comprises a priority based look-up.

13. (Original) The computer readable medium of claim 8, wherein a component comprises a reference to registered code.

14. (Currently Amended) A computer readable medium having computer executable instructions, the instructions comprising:

receiving parseable input <u>output from a prior command</u> via an <u>object-based command pipeline within an</u> operating environment, the parseable input including content that uses a data type that is not natively supported by the operating environment;

retrieving extended information that defines the data type; and

creating an instance of the data type.

15. (Original) The computer readable medium of claim 14, wherein the parseable input comprises a Windows Management Instrumentation (WMI) input, an ActiveX Data Object (ADO) input, an XML input, or a third party data format.

16. (Original) The computer readable medium of claim 14, wherein the extended information comprises extended metadata and code, the extended metadata describes the data type and the code comprises additional instructions to populate the instance of the data type.

17. (Original) The computer readable medium of claim 14, wherein the parseable input comprises a third party object that provides an additional property to an object supported natively within the operating environment.

18. (Original) The computer readable medium of claim 14, wherein the parseable input comprises an ontology service.

19.   (Currently Amended) A system that extends data types available to an operating environment, the system comprising:

a processor; and

a memory, the memory being allocated for a plurality of computer-executable instructions which are loaded into the memory for execution by the processor, the computer-executable instructions comprising:

receiving parseable input <u>output from a prior command</u> via an <u>object-based command pipeline within an</u> operating environment, the parseable input including content that uses a data type that is not natively supported by the operating environment;

retrieving extended information that defines the data type; and

creating an instance of the data type.

20.   (Original) The system of claim 19, wherein the parseable input comprises a Windows Management Instrumentation (WMI) input, an ActiveX Data Object (ADO) input, an XML input, or a third party data format.

21.   (Original) The system of claim 19, wherein the extended information comprises extended metadata and code, the extended metadata describes the data type and the code comprises additional instructions to populate the instance of the data type.

22.   (Original) The system of claim 19, wherein the parseable input comprises a third party object that provides an additional property to an object supported natively within the operating environment.

23.   (Original) The system of claim 19, wherein the parseable input comprises an ontology service.